Attorney Docket No.: YOR919990588US2

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): Rudolf Maarten Bolle
Chitra Dorai
Nalini K. Ratha

Docket No.: YOR919990588US2

Serial No.: Unassigned

Filing Date: Concurrently Herewith

Title: SYSTEM AND METHOD FOR DISTORTION CHARACTERIZATION IN FINGERPRINT AND PALM-PRINT IMAGE SEQUENCES AND USING THIS DISTORTION AS A BEHAVIORAL BIOMETRICS

INFORMATION DISCLOSURE STATEMENT

Commissioner of Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Pursuant to 37 C.F.R. §§1.56, 1.97 and 1.98, Applicant's attorney wishes to bring to the attention of the Patent and Trademark Office the following document(s) listed on the accompanying PTO Form 1449. Copies of non-patent documents can be provided upon Examiner's request.

U.S. Patent Documents
1. U.S. Patent No. 5,933,515
2. U.S. Patent No. 6,323,846
3. U.S. Patent No. 6,388,657
4. U.S. Patent No. 6,466,686
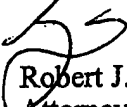5. U.S. Patent No. 6,487,306

Other Documents
6. Bergen et al., "Hierarchical Model-Based Motion Estimation," pgs. 237, 251 (May 1992).
7. Dorai et al., "Extracting Motion Annotations from MPEG-2 Compressed Video for HDTV Content Management Applications," International Conference on Multimedia Computing and Systems, June 7-11, 1999, Florence Italy, IEEE Multimedia Systems '99, Vol. 1, pgs. 673-678 (1999).

8. Haskell et al., "Digital Video: An Introduction to MPEG-2," Motion Compensation Modes in MPEG, Chapter 7, pgs. 146-155 (1997).
9. Nalwa, V.S., "Automatic On-Line Signature Verification," Proceedings of the IEEE, Vol. 85, No. 2, pgs. 215-239 (February 1997).
10. Ratha et al., "Adaptive Flow Orientation-Based Feature Extraction in Fingerprint Images," Pattern Recognition, Vol. 28, No. 11, pgs. 1657-1672 (1995).
11. Ratha et al., "A Real-Time Matching System for Large Fingerprint Database," IEEE Transactions on Pattern Analysis and Machine Intelligence, Vol. 18, No. 8, pgs. 799-813 (1996).

The filing of this Information Disclosure Statement shall not be construed as a representation that a search has been made, or as an admission that the information cited is considered to be material to patentability or that no other material information exists.

Date: September 3, 2003

Respectfully submitted,

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LIST OF PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NO.	DATE	NAME	CLASS/SUBCLASS	FILING DATE IF APPROPRIATE
	5,933,515	08/03/99	Pu et al.		
	6,323,846	11/01	Westerman et al.	345/173	
	6,388,657	05/02	Natoli et al.	345/168	
	6,466,686	10/02	Senior, Andrew William	382/124	
	6,487,306	11/02	Jain et al.	382/125	

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NO.	DATE	COUNTRY	CLASS/SUBCLASS	TRANSLATION YES NO

OTHER DOCUMENTS

EXAMINER INITIAL	REF NO.	AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.

_____ Bergen et al., "Hierarchical Model-Based Motion Estimation," pgs. 237, 251 (May 1992).

_____ Dorai et al., "Extracting Motion Annotations from MPEG-2 Compressed Video for HDTV Content Management Applications," International Conference on Multimedia Computing and Systems, June 7-11, 1999, Florence Italy, IEEE Multimedia Systems '99, Vol. 1, pgs. 673-678 (1999).

_____ Haskell et al., "Digital Video: An Introduction to MPEG-2," Motion Compensation Modes in MPEG, Chapter 7, pgs. 146-155 (1997).

_____ Nalwa, V.S., "Automatic On-Line Signature Verification," Proceedings of the IEEE, Vol. 85, No. 2, pgs. 215-239 (February 1997).

_____ Ratha et al., "Adaptive Flow Orientation-Based Feature Extraction in Fingerprint Images," Pattern Recognition, Vol. 28, No. 11, pgs. 1657-1672 (1995).

_____ Ratha et al., "A Real-Time Matching System for Large Fingerprint Database," IEEE Transactions on Pattern Analysis and Machine Intelligence, Vol. 18, No. 8, pgs. 799-813 (1996).

Examiner _____   Date Considered _____

Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.